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62.57  
J. F. NOLL & CO'S  
BULB CATALOGUE

AUTUMN  
1914

EMPEROR  
NARCISSUS  
(See Page 7)



J. F. NOLL & CO., INC.

ALEX. FORBES.—President

SEEDS, PLANTS, BULBS, POULTRY SUPPLIES  
115 MULBERRY STREET, NEWARK, N. J.



# INTRODUCTION

To Our Customers:

In presenting our annual catalogue of Bulbs, Seeds, etc., for fall planting, we beg to say that the varieties we have selected are all of the finest quality and such as we feel sure will give satisfaction. They are from the most reliable bulb farms in Holland and other countries and are the very best of the season's products.

We would especially draw attention to the Darwin and the May Flowering Single Tulips as being well worth the attention of all lovers of "the flowers that bloom in the Spring."

Early orders are respectfully solicited. Do not leave it until too late, for the reason that the first importations are usually the best and late plantings do not give the bulbs a fair start. On no account should they be planted later than November, otherwise the bulbs will suffer from their natural tendency to vegetate at their proper season.

Thanking you for past favors and for your recommendations to your friends, we are,  
Sincerely yours,  
Autumn, 1914

J. F. NOLL & CO., INC.,  
Alex. Forbes, Pres.

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## CULTURAL DIRECTIONS—"Dutch Bulbs"

**Garden Culture.** The planting of bulbs, such as Hyacinths, Tulips, Narcissi, Crocus, etc., should be done before ground is frozen.

**Planting of Hyacinths.** The soil should be well dug to a depth of 14 inches, the bulbs should be planted evenly, 8 inches deep, so as to have them in bloom at the same time; in order to do so, excavate 6 inches of the top soil, loosen the foundation of bed, place bulbs 6 inches apart, and press down to depth of bulb. After this is done, put back the excavated soil.

**Tulips, Narcissi, Jonquils.** Plant 6 inches deep, excavate 4 inches of the soil, same as above.

**Crocus and Scillas.** A depth of 4 inches is sufficient.

After the ground has been frozen in early Winter, cover with a few inches of dry litter or dry coarse manure.

**Pot Culture.** For growing in pots a good grade of bulbs should be used. They should be potted singly into 5-inch pots; three bulbs planted in 7-inch pot or pan are very effective; a good potting soil should be used. The pots should be filled lightly and the bulbs pressed into the soil, so that their base is firmly fixed; about one-third of the bulb should remain above the soil, then give a good watering. The pots can then be buried in the open ground to a depth of 6 inches, or put in cellar and covered with sand about 4 inches deep.

Bulbs should remain under this cover as follows: Roman Hyacinths, Paper White Narcissus, Crocus, Scillas, six weeks; Hyacinths, Narcissi, Jonquils, from eight to ten weeks; Tulips, from twelve to fourteen weeks. They may then be taken into the house, but should be protected for the first two days from the extreme rays of the sun.

Where a succession of flowers is desired, it is best to pot at intervals from September to the end of November. Bulbs grown in pots should be kept moist at all times, and before potting pots should be soaked in water and washed clean.

Persons unacquainted with the different varieties, will do well to leave the selection to us, only specifying in their order whether bulbs are wanted for pot or garden culture.

Our Hyacinths and Tulips are sold under names given to them by the originators in Holland, and not under fancy names manufactured in this country.

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### OUR TERMS ARE ALWAYS CASH WITH ORDER OR SATISFACTORY REFERENCES

**How to Remit.** You can send your remittance at our risk by Post Office or Express Money Order, New York or Chicago Draft, or by registered letter. We cannot hold ourselves responsible for cash sent loose in letters.

**Be sure to sign your name** and give your full address on every order you send us. We frequently receive orders without name or address. If you do not hear from your order in a reasonable time write us fully, giving date of mailing, how you remitted and copy of order sent. We will try to trace it.

**Prices quoted on Bulbs, Roots, Plants, Farm Seeds, Grass Seeds, Implements, Fertilizers and the like** are Net, F. O. B. Newark, N. J., unless quoted otherwise.

**Give full directions** on all orders to be shipped by freight or express. Give your post-office, also your freight or express office, county and State and advise us whether you wish goods shipped by freight or express.

**Please order as early** as you conveniently can. We aim to fill all orders promptly. Should there be any cause for delay we will write you stating when we expect to forward.

**Guarantee.** We give no warranty, express or implied, as to description, purity or productiveness or any other matter of any seeds, plants or bulbs we send out, and will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms they are to be returned at once.

We guarantee that all Plants and Bulbs sent by express will reach you in good, live, growing condition, but not knowing the handling or treatment they will receive after delivery, we cannot guarantee that none will die.

J. F. NOLL & CO., INC., Newark, N. J.

ALEX. FORBES. Pres.

Autumn, 1914.

# SMALL-FRUITS

Consisting of Wineberries, Blackberries, Currants, Gooseberries, Raspberries, Strawberries and Grapes. One of the greatest necessities of the home. Their use for culinary and dessert purposes is of untold value. The medicinal qualities of the Black Currant are well known. The Grape is also a domestic favorite.

## GRAPES

Prices, except where noted:	Each	Doz.	100
2-yr.....	\$0 25	\$2 50	\$15 00
3-yr.....	35	3 00	24 00
4-yr.....	50	5 00	
Extra.....	75	7 50	

### BLACK GRAPES

- Campbell's Early.** Handsome black berries, with purple bloom; rich. 2 years, 35 cts.; 3 years, 50 cts.
- Champion.** Bunches medium to large; compact; berries large; skin thick and firm; sweet and juicy; hardy and very productive.
- Clinton.** Bunches small and very compact; berries small; a good table Grape and keeps well; valuable for wine.
- Concord.** Fine black variety; splendid flavor; reliable and productive; one of the most popular varieties.
- Eaton.** Bunch large, compact; berries round and very large; covered with a thick blue bloom; very juicy.
- Hartford.** Very hardy and early; great bearer.
- Isabella.** Bunches long, loose and large; berries large, oval, juicy and sweet. Vigorous grower; hardy; an immense bearer and good keeper.
- Ives' Seedling.** Large, dark purple; large clusters; two weeks earlier than Catawba.
- Moore's Early.** Bunch medium; berry very large, with heavy blue bloom; good quality.
- Wilder.** Bunch very large and compact; berry large and tender; juicy and sweet. One of the best blacks.
- Worden.** Bunch large, compact and handsome; berries large.

### RED AND REDDISH PURPLE GRAPES

- Agawam.** Large bunches; red berries, tender and juicy Good bearer. Ripens early.
- Brighton.** Flesh rich, sweet and of the best quality; ripens early, with the Delaware. Very productive and vigorous.
- Catawba.** Bunches large and loose; berries large, coppery red, becoming purple when well ripened.
- Catawba-Concord.** A cross between Catawba and Concord, and possesses the merits of both varieties. Bunches large and full; berries rich, light red, of excellent quality. \$1 each, \$10 per doz.
- Delaware.** Bunches small and compact; berries small, light red, sugary and vinous.
- Lindley.** Bunch medium, somewhat loose; berry medium to large; round; flesh tender, sweet, with a rich, aromatic flavor.
- Lucile.** This variety yields as much or more than Concord or Niagara. A fine sweet red Grape, noted for the size and compactness of its clusters.
- Moyer.** Cluster resembles the Delaware, but has larger berries and ripens earlier; of sweet and delicious flavor. Tender and juicy.
- Salem.** Bunch and berry large; very sweet.
- Vergennes.** Bunch medium, rather loose; very large, round; flesh quite pulpy; flavor pleasant.
- Woodruff Red.** Bunches and berries very large; of excellent quality; good keeper.
- Wyoming.** Similar to Delaware, but larger; sweet and very aromatic. Hardy and productive.

### WHITE GRAPES

- Duchess.** Bunch medium to large, long and compact; berries medium, roundish; skin thick, greenish yellow when ripe, almost transparent; juicy and sweet.
- Elmira.** Bunches and berries medium size; vigorous. Hardy and productive. Valuable for wine.
- Empire State.** Bunch large; berry medium to large; flesh tender, sweet and juicy.
- Green Mountain.** An extra-early Grape; skin very thin, tender and sweet, containing only one or two seeds; superb quality. 2 years, 50 cts.; 3 years, 75 cts.
- Moore's Diamond.** Bunch large and compact; berry medium; flesh juicy.
- Niagara.** Bunch medium to large; berry large, roundish, uniform; skin thin, with a thin, whitish bloom; flesh slightly pulpy; tender and sweet.



Niagara Grape

- Pocklington.** Bunch medium to large; berry large, roundish; light golden yellow when fully matured; flesh pulpy and juicy; very hardy and productive.

## CURRANTS

Should hold a very important position in every garden, as they are of easy culture and may be devoted to many uses.

Except where noted, 2-yr. 15 cts. each, \$1.50 per doz.; extra-large bushes, 25 cts. each, \$2.50 per doz.

- Black Champion.** Bunch and berry very large, of excellent quality; prolific and strong.
- Black Naples.** Very much esteemed for jellies.
- Cherry.** One of the largest red Currants; bunches short.
- Fay's Prolific.** A popular red Currant; very large and productive.
- La Versailles.** Very large; red; bunch long and of great beauty.
- Lee's Prolific.** Black; very productive.
- North Star.** Red; very long clusters; fine quality.
- Pomona.** A new variety of good size; bright red; stays long after being ripe.
- Red Dutch.** A well-known variety; immense bunches; very productive.
- Victoria.** Large red Currant; bunches long; ripens late.
- White Dutch.** An excellent white variety; medium size; very sweet.
- White Grape.** Very large; yellowish white; sweet or very mild acid; fine bearer.
- White Bar-le-Duc.** This new variety is a free grower; its berries contain generally only one or two seeds and are highly valuable for preserves. This is one of the best white varieties grown. Strong 2-year-old plants, 50 cts. each, \$5 per doz.



## GOOSEBERRIES

It is best to plant in rich ground. Clean out old wood in spring and trim to keep bushes in shape.

Except where noted, 20 cts. each, \$2 per doz.

**Columbus.** Large, oval; greenish yellow; fine quality.  
**Crown Bob.** Large; roundish oval; red; hardy; first quality. 35 cts. each, \$3.50 per doz.  
**Downing.** Large; whitish green; soft and juicy; vigorous and prolific.  
**Houghton.** Small to medium; pale red; sweet; very productive.  
**Industry.** Large, roundish oval; dark red; of fine flavor and very productive. 35 cts. each, \$3.50 per doz.  
**Keepsake.** Very large; straw-colored; of excellent quality; very early. 35 cts. each, \$3.50 per doz.  
**Lancashire Lad.** Large; smooth; bright red; fine quality; strong grower and productive. 35 cts. each, \$3.50 per doz.  
**May Duke.** Deep crimson; skin smooth and transparent. 40 cts. each, \$4 per doz.  
**Pearl.** An excellent new white variety; very prolific; fine flavor. 35 cts. each, \$3.50 per doz.  
**Red Jacket.** Large; red; good flavor; hardy and prolific.  
**Smith's Improved.** Large, oval; light green; flesh firm and sweet. 35 cts. each, \$3.50 per doz.  
**Triumph.** Very large; greenish yellow; very productive and a sure bearer. 35 cts. each, \$3.50 per doz.  
**White Smith.** Large, roundish oval; yellowish white. 35 cts. each, \$3.50 per doz.  
 We also have Currants and Gooseberries in Standard Form

## RASPBERRIES

Plant in rows about 5 feet apart and 3 feet between the plants. They like good, rich soil, with plenty of manure. Early in the spring cut out the old wood which bore the last crop of fruit.

### FOREIGN VARIETIES

Except where noted, 20 cts. each, \$2 per doz., \$15 per 100

**Fastolf.** Large; purplish red; rather soft, juicy, highly flavored; productive; fine for home use.  
**Hornet.** Very large, conical; crimson-red; a vigorous, upright grower; of the best quality. Late.  
**Orange.** Large; orange-yellow; beautiful and delicious; the best yellow in cultivation.  
**Superlative.** Red; very large and firm.  
**Goliath.** Very large; red; fine rich flavor; plant of enormous vigor; very productive.  
**Immertragende von Feldbrumen.** Everbearing new variety; produces large quantities of finely flavored berries. 25 cts. each, \$2.50 per doz.

### AMERICAN VARIETIES

10 cts. each, \$1 per doz., \$7 per 100

**Brandywine.** Large; bright red; very firm; subacid; hardy and productive.  
**Columbian.** Very large; dark red; of high flavor; fine for canning; productive, hardy and vigorous.  
**Cuthbert** (Queen of the Market). Red; very large and firm; sweet and luscious.  
**Golden Queen.** Large; amber color; firm; fine quality; remarkably productive.  
**Miller.** Large; bright red; rich flavor; core small; vigorous grower; hardy and very productive.  
**St. Regis.** Great novelty; bright crimson; large berries, all through summer and fall. 35 cts. each, \$3.50 per doz., \$25 per 100.  
**Turner.** Medium; fine red color; moderately firm, juicy and sweet.

## AUTUMNAL RASPBERRIES

25 cts. each, \$2.50 per doz.

**October Red.** Large; bright red; spikes of fruit often 12 to 18 inches long.  
**October Yellow.** Similar to the above, with yellow fruit.

### BLACKCAP VARIETIES

75c. per doz., \$6 per 100; extra size, \$1.50 per doz., \$10 per 100

**Black Diamond.** Very large; ripens early; very sweet and fine flavor. Pulp; few seeds.  
**Conrath.** Large; sweet and delicious flavor.  
**Cumberland.** Very large, glossy berries; firm, juicy and sweet.  
**Eureka.** Large; juicy and rich; productive and early.  
**Gregg.** One of the most valuable and abundant; large; good quality; vigorous.  
**Kansas.** Very large; firm, and of excellent quality.  
**Munger.** New and exceptionally fine. Very large, hardy and productive.  
**Ohio.** Great producer; very fine flavor; highly esteemed for drying.  
**Shaffer's Colossal.** Large; purple; soft subacid flavor hardy and productive.  
**Tyler** (Souhegan). Large; glossy; very hardy.

## BLACKBERRIES

75c. per doz., \$6 per 100; extra size, \$1.50 per doz., \$10 per 100

**Agawam.** Medium size, jet-black; sweet, fine; early.  
**Ancient Briton.** Medium size; without core; hardy and prolific.  
**Early Harvest.** Small size; tender, vigorous and productive; very early.  
**Eldorado.** Medium size; jet-black; sweet and rich; hardy and very productive.  
**Erie.** Large and of good quality; early.  
**Iceberg.** A Californian novelty, producing white berries.  
**Kittatinny.** Large; glossy black; sweet and juicy; excellent when fully ripe.  
**Lawton.** Large, oval; black; sweet; excellent; an old favorite.  
**Ohmer.** Large; fine flavor; very hardy and productive. Late.  
**Rathbun.** Extra large; jet-black; glossy, and of good quality. Perfectly hardy.  
**Snyder.** Medium size; sweet and melting; very hardy and enormously productive.  
**Taylor.** Very large; fine quality; melting and without core. Very productive and hardy.  
**Wilson Junior.** Immense clusters; ripens evenly; becomes sweet as soon as black; hardy; ripens early.

## DEWBERRIES

**Lucretia.** A trailing variety of the blackberry; ripens between the raspberry and the blackberry; fruit large and handsome. \$1 per doz., \$8 per 100.  
**Logan Raspberry-Blackberry.** Fruit same size as a large Blackberry; same form and shape; color dark bright red; pleasant flavor; excellent for table and canning. 25 cts. each, \$2.50 per doz., \$15 per 100.

## JAPANESE WINEBERRY

A most profitable new berry for preserving, cooking, etc. Is as hardy and as vigorous as any blackberry or raspberry, enduring all climates. A prolific grower and carries large clusters of fruit, often 75 to 100 berries, of a scarlet wine-color, sweet in flavor, very juicy, with small seeds. 15 cts. each, \$1.50 per doz., \$10 per 100; large clumps, 35 cts. each, \$3.50 per doz.

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**J. F. NOLL & COMPANY, Inc.**

*Seedsmen, Etc.*

ALEX. FORBES, President

115 Mulberry Street, NEWARK, N. J.

## Order for Bulbs, etc.

**FROM**

# J. F. NOLL & CO., Inc.

(ALEX. FORBES, President)

NEWARK, N. J.

Messrs. J. F. Noll & Co., Inc., give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

AMOUNT ENCLOSED

Name \_\_\_\_\_

Postal Money Order, \$\_\_\_\_\_

Street, P. O. Box or R. F. D. Number\_\_\_\_\_

*Express Money Order,* \_\_\_\_\_

Post Office \_\_\_\_\_

Draft, \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Currency, \_\_\_\_\_

Express or  
Freight Office } \_\_\_\_\_  
If different from P. O. }

Postage Stamps, \_\_\_\_\_

Ship order by \_\_\_\_\_

Date\_\_\_\_\_19

**PRICE**[illegible]





# FOR FALL PLANTING

## HYACINTHS

### Noll's Choice Bedding Varieties Separate Colors, Unnamed

These are much used for outdoor bedding, but can also be utilized for forcing purposes, giving excellent results.

We offer only the best grade of stock, true to color and well ripened bulbs. This should be considered when looking over our prices, as there are many grades of Hyacinths, as well as prices.

#### SINGLE VARIETIES

	Each	Doz.	100
Rose.....	\$0.05	\$0.50	\$3.75
White.....	.05	.50	3.75
Red.....	.05	.50	3.75
Yellow.....	.05	.50	3.75
Blush White.....	.05	.50	3.75
Light Blue.....	.05	.50	3.75
Dark Blue.....	.05	.50	3.75
All Colors Mixed.....	.05	.45	3.50

#### DOUBLE VARIETIES

Rose.....	.05	.55	4.00
White.....	.05	.55	4.00
Red.....	.05	.55	4.00
Yellow.....	.05	.55	4.00
Blush White.....	.05	.55	4.00
Light Blue.....	.05	.55	4.00
Dark Blue.....	.05	.55	4.00
All Colors Mixed.....	.05	.50	3.75



Single Hyacinths, Mixed Colors

### French Roman Forcing Hyacinths

They are the best and most popular of bulbs. The flowers are delightfully fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a 5-inch pot, in good soil (as recommended for other varieties). The pots must be kept in a cool and dark place until they fill with roots, when the flower spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early, and by making successive plantings, they may be had in flower all through the Winter.

### Early Roman Hyacinths

	Each	Doz.	100
Single Pure White. Large size.....	\$0.05	\$0.50	\$4.00
Single Pure White. Extra large size.....	.06	.60	4.50
Single Blue.....	.05	.50	4.00
Double Dark Rose.....	.05	.50	4.00
White Italian.....	.06	.60	4.50

### Grape Hyacinths

These oddly shaped flowers do well either in shade or in exposed positions. They are perfectly hardy and show to best effect, when massed. They can also be used for pot culture, when six bulbs should be planted in a five-inch pot, and the same treatment given as recommended for the others of this family. When planted outside, and not disturbed, they multiply rapidly and increase the yield of flowers every Spring.

	Doz.	100
White.....	\$0.15	\$0.85
Blue.....	.15	.85

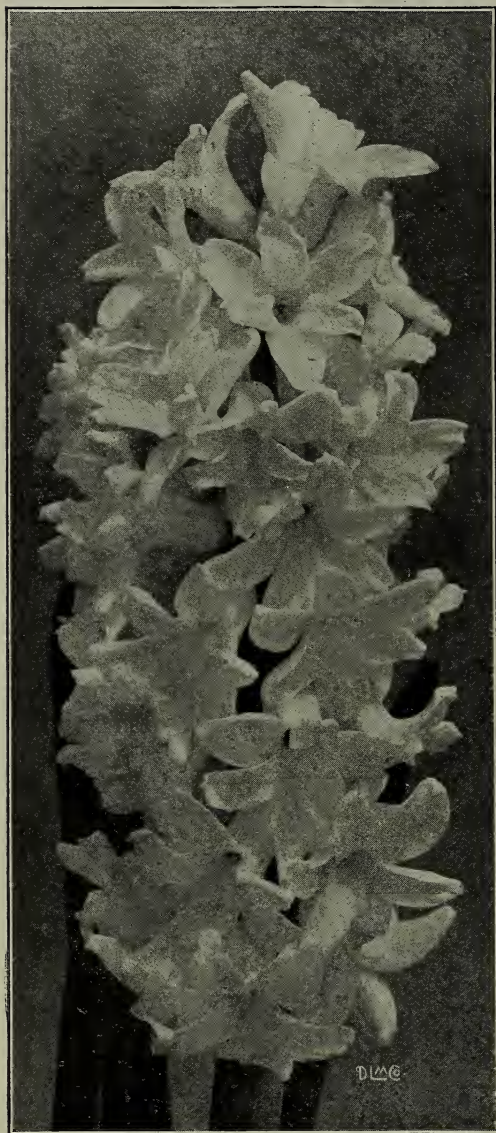
### HYACINTH GLASSES

	Each	Doz.
Tall or Belgian Shape, Different Colors.....	\$0.20	\$2.00
Tye Shape.....	.25	2.50



Early Single White Roman Hyacinths

# NOLL'S FINEST SINGLE NAMED HYACINTHS



Single Pink Hyacinth; Norma

All our Hyacinths have been grown especially for our order and are first size bulbs, true to name and sure to flower. In comparing prices, remember that our bulbs are all well matured and, under ordinary conditions, cannot fail to give entire satisfaction.

## FIRST SIZE

### ROSE AND RED

**Amy.** Carmine; large, compact truss. A free flowerer.  
**L'Ornement.** Rose. Splendid spike.

### PINK AND BLUSH

**Gertrude.** Bright rosy pink; large, erect spikes.  
**Gigantea.** Blush pink, shaded darker; large bells.  
**Norma.** Delicate, waxy pink. One of the most delicate tints to be found in this class.

### PURE WHITE

**Albertine.** Pure snow white.  
**Elfride.** Blush white; an excellent variety.  
**La Grandesse.** Glistening white; extra large heads.  
**L'Innocence.** Pure white; spike compact and massive.

### BLUE AND LAVENDER

**Charles Dickens.** Blue, tinged lilac.  
**Grand Maitre.** Splendid spikes, pure ultramarine blue.  
**King of the Blues.** Dark blue; immense truss.  
**Marie.** Dark blue; large spike. Free bloomer.  
**Lord Derby.** Pale porcelain.

### YELLOW

**Ida.** Bright yellow; large, fine, well-filled truss; a fine forcer.  
**King of the Yellows.** Deep yellow.

Any of the above First Size Named  
Hyacinths at 12c. each, \$1.25  
per dozen

## HOW TO GROW BEAUTIFUL HYACINTHS

### In the Open Ground

Plant in the Fall 6 inches apart each way and 8 inches deep. Give them slight protection over Winter, and in the Spring, after the flowers are gone, the bulbs may be removed in time to set your Summer-flowering plants.

### In Pots or Window Boxes

Plant the bulb in the pot so that its crown just shows, then set away in a cool, dark place for 8 to 10 weeks for root-growth to develop. After this, bring gradually to the light, heat and air; give plenty of water.

### In Glasses

Set the bulb so that the lower end merely touches the water. Put away in a cool, dark place till you see the roots developed, then remove by degrees to full light and air. A piece of charcoal in the water will keep it sweet.

To enjoy the most perfect flowers use "Humus" for pot plants. See page 15.



# NOLL'S FINEST DOUBLE NAMED HYACINTHS

We only handle first size roots, selected bulbs and bound to bloom. Double Hyacinths are nearly all later than the single in flowering.

## FIRST SIZE

### ROSE, RED AND PINK

- Bouquet Tendre.** Bright carmine; large, strong, handsome spike.
- Grootvorst.** Extra large; fine, rosy pink; very double; large spike.
- Lord Wellington.** Clear, bright carmine. One of the most beautiful of all.
- Noble par Merite.** Fine dark red; very fine double bells, and forces well.
- Princess Alexandra.** Rosy red, with purplish center; a very free flowerer.

### WHITE

- Bouquet Royal.** Pure white; throws a large truss covered with large bells to the top of spike.
- Flevo.** White shaded pink. One of the best for pot culture.
- Isabella.** White, suffused with rose; large spike.
- La Virginite.** Rich, creamy white, delicately shaded to blush; large truss.

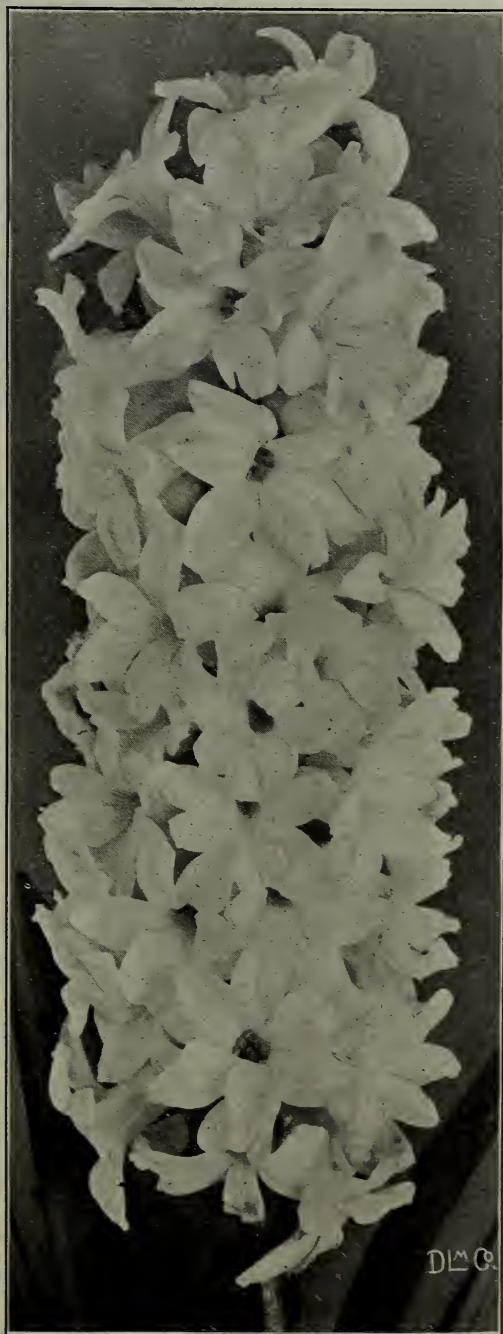
### BLUE AND LAVENDER

- Blocksberg.** Lovely porcelain blue; large trusses; very beautiful.
- Garrick.** A truly magnificent sort; lovely azure blue flowers in large, compact spikes.
- General Antinck.** Porcelain blue; fine, compact spike of large bells.
- Laurens Koster.** Purplish blue; large, well-topped truss and extra double.
- Mignon de Dryfhout.** Dark blue; semi-double; very floriferous.

### YELLOW AND ORANGE

- Jaune Supreme.** Rich, dark yellow tinted with salmon.
- Goethe.** Fine, clear yellow. One of the oldest yellow varieties; good, full spike to the top.

Any of the above First Size Named  
Hyacinths at 12c. each, \$1.25  
per dozen



Single White Hyacinth, La Grandesse

For a beautiful, velvety, close-turfed Lawn, next year, sow the "Forbes" Lawn Grass NOW. See page 12.





## TULIPS

**CULTURE.**—The cultural directions given for Hyacinths are equally applicable to Tulips, except that the bulbs, being smaller, must not be planted quite so deep. Six inches to the bottom of the bulb is deep enough, and a distance of 5 or 6 inches between the bulbs is sufficient. They may be planted in October and November before the ground freezes. A little sand around each bulb is generally recommended, but in light, sandy soil this may be dispensed with. For pot culture a compost of two parts loam to one part light manure, with some sand intermixed, is suitable. From three to five bulbs, according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted, in the manner recommended for Hyacinths. Most of the varieties named below are equally well adapted for pot culture, or the open border.

To assist lovers of Tulips in making their selections with a view of obtaining the best artistic effects in beds, etc., we give, in addition to the color, the heights in inches, and have also indicated the time of flowering by the letter A for early, B for late. To secure a succession of bloom, the period of flowering is a matter of importance; likewise the heights to which the different varieties attain is necessary to have a uniform display in beds.

### NOLL'S NAMED EARLY SINGLE TULIPS

		Doz.	100
10 B	<b>Artus.</b> Rich scarlet, splendid bedder.....	\$0.25	\$1.50
9 A	<b>Belle Alliance.</b> Crimson scarlet; fine forcer and bedder.....	.40	3.00
10 A	<b>Canary Bird.</b> Pure yellow; fine for forcing.....	.25	1.50
9 A	<b>Chrysolora.</b> Splendid, golden yellow; good forcer or bedder.....	.30	1.75
10 B	<b>Cottage Boy.</b> Orange red, bordered yellow; a fine bedder.....	.35	2.50
10 B	<b>Cottage Maid.</b> Rosy pink, striped white; good forcer or bedder.....	.30	1.75
8 A	<b>Crimson King.</b> Bright crimson; fine bedder.....	.25	1.50
14 B	<b>Duchesse de Parma.</b> Orange scarlet, with yellow edge; very large, fine flower.....	.30	1.75
12 B	<b>Gold Finch.</b> The pure yellow Golden Prince; splendid bedder.....	.30	1.75
14 B	<b>Grace Darling.</b> Large orange scarlet, with dark blue center.....	.50	3.50
14 B	<b>Keizerskroon.</b> Crimson scarlet, yellow border; fine forcer or bedder.....	.35	2.50
12 B	<b>La Reine.</b> White, suffused with delicate pink.....	.25	1.50
12 A	<b>Pottebakker.</b> White, large, showy flower; excellent forcer and bedder.....	.35	2.50
11 A	<b>Proserpine.</b> Extra rosy carmine; good forcer.....	.50	3.50
10 A	<b>Queen of the Whites.</b> Excellent pure white.....	.30	1.75
9 B	<b>Rose Luisante.</b> Deep rose; extra fine and showy.....	.50	3.50
9 B	<b>Rose Gris de Lin.</b> Delicate rose, flushed white; fine forcer and bedder.....	.25	1.50
14 B	<b>Thomas Moore.</b> Bright orange, shaded scarlet; very effective.....	.30	1.75
10 B	<b>Wouverman.</b> Rich, dark purple.....	.65	5.00
	<b>Noll's Special Superb Early Single Mixed.....</b>	\$9.00 per 1000	.20 1.00

### NOLL'S NAMED EARLY DOUBLE TULIPS

10 B	<b>Alba Maxima.</b> The finest double white early.....	.30	1.75
9 B	<b>Duke of York.</b> Red, edged white; very showy.....	.30	1.75
12 B	<b>Imperator Rubrorum.</b> Splendid, bright scarlet, yellow base.....	.50	3.50
10 B	<b>La Candeur.</b> Pure white; fine bedder.....	.30	1.75
10 B	<b>Murillo.</b> Delicate blush pink; fine for forcing.....	.30	1.75
10 B	<b>Rubra Maxima.</b> Dark, dazzling scarlet; good forcer and bedder.....	.35	2.50
9 A	<b>Salvator Rosa.</b> Beautiful deep rose; a fine bedder.....	.40	3.00
11 A	<b>Tournesol.</b> Rich scarlet, edged yellow.....	.35	2.00
11 A	<b>Tournesol Yellow.</b> Bright yellow, slightly shaded orange.....	.40	3.00
	<b>Noll's Special Superb Early Double Mixed.....</b>	\$10.00 per 1000	.20 1.25





## DARWIN TULIPS

(See illustration on back cover)

We strongly recommend this class of Tulips for garden decoration in beds, as well as in groups in the herbaceous border and amongst shrubs. Grown for cut flowers, they will prove very valuable at a time when our gardens yield so little to decorate our rooms. They flower about the middle of May, a time in which the Spring flowers are over and the Summer flowers have not yet come in. They last a very long time when cut.

By slowly forcing in pots, they may be had in bloom in March or even earlier. Most of the varieties improve in color by protection under glass or canvas.

We have given the approximate height of each variety.

	Doz.	100		Doz.	100
<b>Anton Roozen.</b> Rose pink with white, base marked blue. 23 in.....	\$0.60	\$4.00	<b>Farncombe Sanders.</b> Fiery scarlet. The best red. 25 in.....	\$1.00	\$6.00
<b>Kate Greenaway.</b> White and lilac. Perfect shape. 24 in.....	.35	2.50	<b>Clara Butt.</b> Soft, rosy pink, good forcer. 21 in.....	.55	3.75
<b>Margaret (Gretchen).</b> Blush white, center blue. 24 in.....	.35	2.50	<b>Flamingo.</b> Delicate flesh, tinted rose. 25 in.....	1.25	10.00
<b>Loveliness.</b> Extra fine carmine rose. 21 in.....	.35	2.50	<b>Nauticus.</b> Cerise rose; center dark violet. 30 in.....	.55	3.75
<b>The Sultan.</b> Glossy maroon black. 21 in.....	.35	2.50	<b>All colors mixed, containing all the most desirable shades, 30c. per doz., \$1.75 per 100.</b>		
<b>Massachusetts.</b> Light rose and white center. 26 in.....	.60	4.00			

## MAY-FLOWERING SINGLE TULIPS

We have made a selection of the most desirable varieties in this class, and they deserve a place in every garden, lengthening, as they do, the flowering period of the year. Some of the most delicate shades are found in this family of late-flowering Single Tulips, as well as some of the most brilliant. All are long and stiff-stemmed, and are admirably adapted for cutting purposes.

	Doz.	100		Doz.	100
<b>Bridesmaid.</b> Cherry rose, flaked white. \$0.25	\$1.50		<b>Inglescombe.</b> Rose pink with salmon sheen.....	\$0.50	\$3.50
<b>Gesneriana Major.</b> Scarlet with blue base.....	.30	1.75	<b>Inglescombe.</b> Rich yellow, perfect form. 18 in.....	1.00	7.00
<b>Picotee (Maiden's blush).</b> White with rose edge.....	.30	1.75	<b>Inglescombe.</b> Scarlet vermilion with black base.....	.60	4.00
<b>Golden Eagle.</b> Golden yellow.....	.30	1.75	<b>Single Late Mixed.</b> All the choicest colors.....	.30	1.75
<b>Miss Helen Willmott.</b> Primrose yellow 1.00	7.00		<b>Bizarre's Mixed Colors and Shades...</b>	.25	1.50
<b>La Merveille.</b> Salmon rose; a very delicate shade.....	.35	2.50	<b>Bybloemen Mixed Colors and Shades.</b>	.30	1.75

## PARROT TULIPS

This class of Late-Flowering Single Tulips is very suitable for cutting purposes. The flowers are very quaintly shaped and are borne on long stems and remain in good condition for a long time after being cut. A vase filled with these flowers gives a very artistic effect in house decorations.

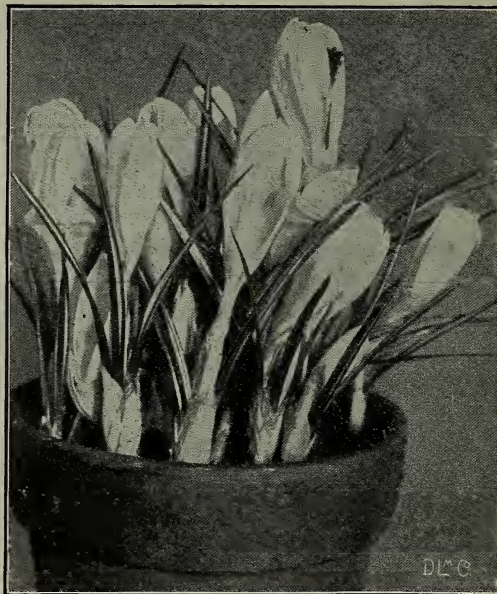
	Doz.	100		Doz.	100
<b>Constantinople.</b> Light red.....	\$0.35	\$2.50	<b>Monstre Cramoise.</b> Deep crimson....	\$0.35	\$2.50
<b>Lutea Major.</b> Yellow.....	.35	2.50	<b>All Colors Mixed.</b> Made up from named varieties.....	.30	1.75
<b>Markgraaf von Baden.</b> Yellow and scarlet.....	.35	2.50			



## CROCUS

For pots and borders. A universal favorite, being one of the earliest flowers seen in the Spring. They are neat, dwarf and compact in growth, and the blooms are of bright colors. If planted closely—say 2 inches apart—and 3 inches deep, they make a very pretty display immediately after the snow goes off in the Spring. Do not disturb for several years. Should be largely planted in the grass on lawns. They will flower very early in Spring before mowing. The effect is beautiful. For flowering in pots, baskets, etc., they should be plunged in the open ground for three weeks after planting, precisely in the same manner as directed for Hyacinths.

	Doz.	100	1000
<b>King of the Blues.</b> Dark blue..	\$0.15	\$1.00	\$8.00
<b>Madame Mina.</b> Violet and white	.15	1.00	8.00
<b>Mont Blanc.</b> Pure white.....	.15	1.00	8.00
<b>David Rizzio.</b> Large purple.....	.15	1.00	8.00
<b>White.</b> Mixed shades.....	.10	.50	4.50
<b>Blue.</b> Mixed colors.....	.10	.50	4.50
<b>Purple.</b> Mixed colors.....	.10	.50	4.50
<b>Striped and Variegated.</b> Mixed.	.10	.50	4.50
<b>Cloth of Gold</b> .....	.15	1.00	8.00
<b>Cloth of Silver</b> .....	.15	1.00	8.00
<b>Yellow.</b> First size.....	.15	1.00	8.00
<b>Yellow Mammoth</b> .....	.20	1.25	10.00
<b>Mixed.</b> All colors.....	.10	.50	4.50

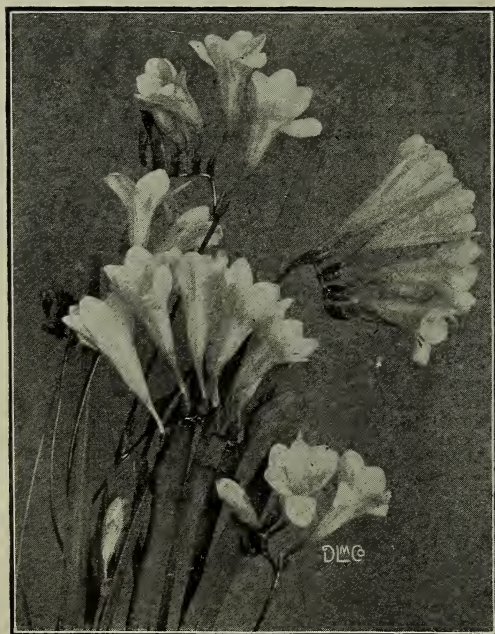


Crocus Mont Blanc

## FREESIA

If wanted by mail, add 3c. per doz., or 15c. per 100, for postage

The justly popular Freesias are greatly prized for the delightful fragrance of their delicately colored flowers, which, when cut, will remain in good condition for a long time in water. They are easily grown or forced in good loamy soil, with an admixture of leaf-mold and sand, in a frame or greenhouse, and are excellent for window culture in Winter. For the information of all not acquainted with these bulbs, we may say that they are quite small, but produce large blooms in comparison to their size.



Freesia

	Doz.	100
<b>Refracta alba.</b> Large size.....	\$0.30	\$1.75
<b>Purity.</b> Monster bulbs.....	.75	4.50

## JONQUILS

	Doz.	100
<b>Campernelle.</b> Large yellow.....	\$0.20	\$1.00
<b>Rugulosus.</b> Very fragrant; the largest		
Jonquil.....	.30	1.75
<b>Double Sweet scented</b> (True Double		
Jonquil) Fancy bulb; fine, deep yellow.	.35	2.50
<b>Single Sweet-scented.</b> Deep yellow;		
very free.....	.20	1.00

## CYCLAMEN GIGANTEUM

THE GIANT-FLOWERING PERSIAN CYCLAMEN

Each bulb throws up several flower stalks which continue to bloom several months. The flowers are beautiful, and range in color through many shades of pink, crimson and white; the leaves are also finely variegated. **Finest Colors, mixed, 15c. each, 3 for 40c., postpaid.**

## AMARYLLIS

**VITTATA HYBRIDS.** These are grown specially for us and contain a remarkable range of colors from self pure white to darkest crimson, or flaked and striped. These are easily grown. 40c. each, \$4.00 per doz., \$8.00 per 25, \$30.00 per 100.

	Each	Doz.	100
<b>Johnsoni</b> (Bermuda Spice Lily)			
Large bulbs.....	\$0.25	\$2.50	\$17.50
<b>Formosissima</b> (Jacobean Lily).....	.10	.60	4.50
<b>Belladonna Major</b> .....	.10	1.00	7.50
<b>Valotta purpurea</b> .....	.20	2.00	15.00
<b>Sternbergia lutea</b> .....	.10	.75	6.50

To have the best results from your flowering bulbs use "Humus." See page 15.



# NARCISSI AND DAFFODILS

## DOUBLE VARIETIES

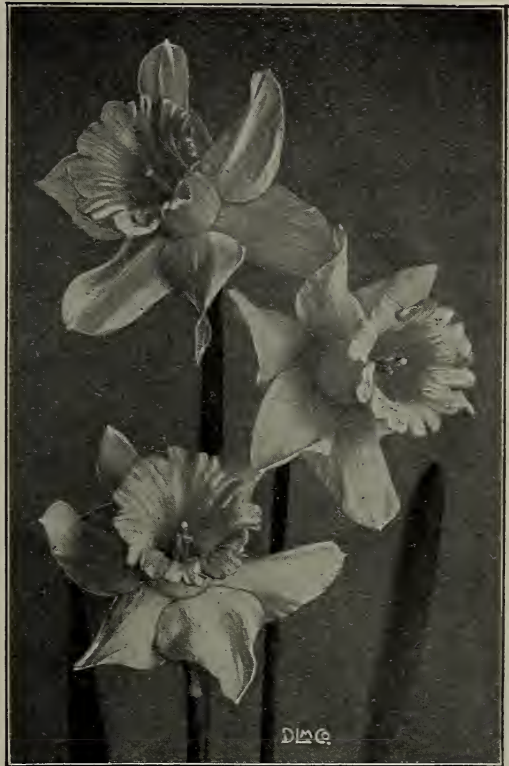
	Doz.	100
<b>Alba pleno odorata.</b> White.....	\$0.20	\$1.25
<b>Von Sion.</b> Yellow. Double nosed bulbs..	.50	3.50

## SINGLE VARIETIES

<b>Bicolor Princeps.</b> Trumpet pure yellow, perianth sulphur white, extra size..	.30	1.75
<b>Golden Spur.</b> Pure yellow. Mother bulbs.....	.45	3.00
<b>Emperor.</b> Pure yellow. Large.....	.45	3.00
<b>Empress.</b> Trumpet yellow, white perianth. Fine variety (See front cover)..	.30	1.75
<b>Trumpet Major.</b> Pure yellow.....	.25	1.50
<b>Poeticus Ornatus.</b> White cup margined with scarlet.....	.20	1.00
<b>Poeticus</b> (Pheasant's Eye). Same as above but not quite as large, 2 for 5c.	.20	1.00
<b>Paper White Grandiflora.</b> Extra size..	.30	1.75
<b>Sir Watkin.</b> Golden crown, primrose perianth; the largest of all.....	.45	3.00
<b>Cassandra</b> (Poeticus). Flowers of fine substance, with broad white perianth, cup deeply rimmed dark red.. Each 20c.	2.00	
<b>Mrs. Langtry.</b> White perianth, white cup edged yellow.....	.25	1.50



Chinese Sacred Lily



Narcissus Emperor

## THE WATER FAIRY, or "SHIN SIN FAR"—Chinese "Joss Flower"

The genuine Chinese Sacred Lilies, grown for us in China. Each bulb sends up several flower stems, bearing great clusters of deliciously fragrant, pure white, wax-like blossoms, with golden yellow centers. They are usually grown in a bowl of water with pebbles to hold the bulbs in place. Roots should be well started by setting the bulbs when planted in a dark place for two or three weeks before bringing gradually to the light.

By planting at intervals you can have a succession of bloom all Winter. 10c. each, \$1.00 per doz.

## Noll's Garden Guide

Is a short treatise on *How* and *When* to Plant Seeds, Plants, Bulbs, Shrubbery, etc., and how to care for them; gives short directions for Vegetable and Flower culture; tells how to construct coldframes and hotbeds; contains spraying calendar, planting tables; also tells about transplanting the different sorts of plants, preparation of soil, fertilizers, etc. Price, 25c., or free (if requested) with purchase of \$1.00 or over, either vegetable or flower seeds or bulbs.

## HARDY LILIES

The Lilies and the Irises may be considered the most beautiful of our hardy garden flowers, yet the Lilies undoubtedly are the more popular—for they are found in the little country dooryard as well as in the millionaire's formal garden. The nodding flowers of *Lilium speciosum* add to the beauty of the simplest gardens, while the rich colors and the sweet perfume of all the varieties bring every visitor to marvel at their purity and loveliness.

All varieties, other than *Candidum*, the latter part of November.

Each Doz.

**Candidum.** "The Annunciation Lily."  
Immaculately white and fragrant. Large  
bulbs (ready in August for delivery)....\$0.15 \$1.50

**Auratum.** "The golden-banded Lily of  
Japan." One of the most favorite sorts  
and deliciously sweet. Large sized  
bulbs..... .25 2.50

**Speciosum album.** White, extra size.. .25 2.50

**Speciosum rubrum.** Rose, extra size.. .25 2.50

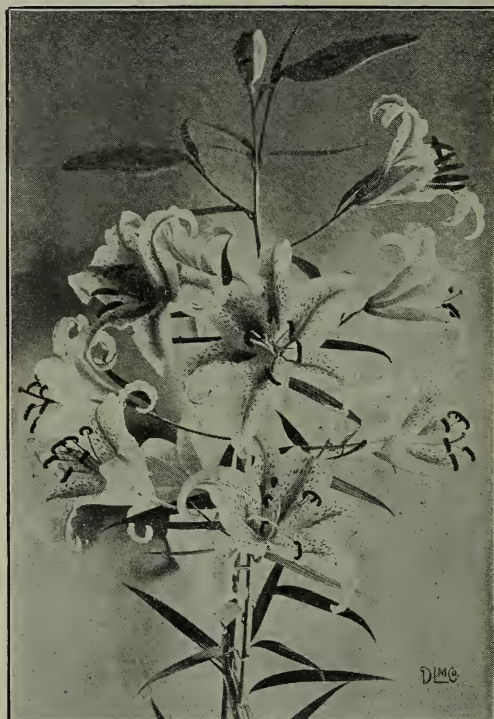
**Speciosum Melpomene.** A Japanese gem .25 2.50

**Tigrinum fl. pl.** Double Tiger Lily..... .15 1.50

**Tigrinum Simplex.** Single Tiger Lily.. .10 1.00

**Umbellatum erectum.** Dark red and  
orange..... .15 1.50

The above are all perfectly hardy after the first  
Winter outside, but require light protection the first  
season.



*Lilium Auratum*

## LILIUM HARRISII

Ready now

The celebrated Bermuda Easter Lily

There is more of it sold than the rest of the Lilies combined. It is much in evidence at Easter when it is used most extensively for church decoration. It is absolutely white and very full of perfume. It is easily grown and should be included in every bulb order, no matter how small. We handle two sizes of this variety and they are both flowering roots.

Each Doz. 100

First Size, 5 to 7 in. in circum....\$0.10 \$1.00 \$7.00

Large Size, 7 to 9 in. in circum.... .20 2.00 14.00

## CONVALLARIA (Lily of the Valley)

**Majalis.** Pure white flowers, 8 to 10 in. May, June.

Large, field-grown clumps, 25c. each, \$2.50 per doz.

**Berlin Pips.** Per bundle of 25 \$1.00, \$2.50 per 100;

\$20.00 per 1000; ready for delivery in November.

**Cold Storage Hamburg Pips.** Prices on application.

See cut, page 9.



Bermuda Easter Lily

The most perfect returns from Bulbs have been secured through planting in "Humus." See page 15.



## MISCELLANEOUS BULBS



Convallaria, Lily of the Valley

### ANEMONE, or WINDFLOWER (Ready in September)

Very ornamental, hardy perennials, producing beautifully colored flowers in Spring and Summer. They do best in rich soil and in a sheltered and well-drained position. Plant in Autumn. May also be grown in pots or forced in frames for early flowers.

	Doz.	100
<b>Choice Single.</b> Mixed colors.....	\$0.15	\$1.00
<b>Choice Double.</b> Mixed colors.....	.25	1.50

### ALLIUM

Alliums are hardy, early-flowering and very floriferous. All the varieties are useful as cut flowers.

	Doz.	100
<b>White</b> .....	\$0.15	\$1.00
<b>Yellow</b> .....	.15	1.00

### BABIANA

The best way is to plant six bulbs in a five-inch pot, with plenty good drainage.

	Doz.	100
<b>Mixed Sorts</b> .....	\$0.40	\$2.75

### CALLA

The "Lily of the Nile" is particularly well suited for house culture but none of this family is hardy. They bloom in a short time after potting.

	Each	Doz.
<b>Black</b> .....	\$0.15	\$1.50
<b>Yellow</b> .....	.30	3.00
<b>Red</b> .....	.15	1.50
<b>White.</b> (Lily of the Nile) .....	.20	2.00

### CHIONODOXA (Glory of the Snow)

The bulbs are very small and to secure the best results, six roots should be planted in a five-inch pot. Used for bordering in combination with Scillas they are very useful.

	Doz.	100
<b>Lucillae.</b> First size cultivated bulbs....	\$0.15	\$1.00
<b>Sardensis.</b> First size bulbs.....	.15	1.00

### BEGONIAS—TUBEROUS-ROOTED

These do best in a shady position. Have the soil rich, which serves to make them more profuse in blooming.

**Single Flowering.** Scarlet, pink, orange and white.  
Each 10c., 3 for 25c., doz. \$1.00, postpaid.

**Double Flowering.** Scarlet, pink, white and orange.  
Each 15c., 3 for 40c., doz. \$1.50, postpaid.

### CROWN IMPERIALS (Fritillaria imperialis)

	Each	Doz.
<b>Aurora.</b> Red.....	\$0.15	\$1.50
<b>Sulphureus.</b> Yellow.....	.20	2.00

### DIELYTRA, or DICENTRA

Ready in November. A very popular old-fashioned plant, bearing heart-shaped flowers of a beautiful rose and white combination. The flowers are borne on long, pendulous stems and the effect is very pretty.

	Each	Doz.
<b>Spectabilis</b> (Bleeding Heart).....	\$0.15	\$1.50

### IRIS (Fleur-de-lis)

Ready in October and November

Irises are of easy culture. They do best in a light rich, sandy soil, and in a sunny situation. Good drainage is important.

	Doz.	100
<b>English.</b> All colors mixed.....	\$0.30	\$1.75
<b>Spanish.</b> All colors mixed.....	.10	.60

### OXALIS (Winter Flowering)

A very pleasing class of small Bulbs, producing vast quantities of brilliant flowers during the Winter months. They are easily grown in pots or hanging baskets.

**Buttercup.** Bright yellow

**Grand Duchesse, Grandiflora Alba (White),**  
**Lavender, Pink.** 3 for 10c., doz. 30c., 100 \$1.75.



English Iris



IXIAS

Ready in October

If wanted by mail, add 3c. per doz., or 15c. per 100, for postage

The Mixed Hybrid Ixias are so beautiful and rich in tints that no lover of flowers should be without them. They are equally adapted for pots or the open ground, exceedingly free flowering, and invaluable for cutting. If planted out, they require rather more covering during Winter than Hyacinths. In pots their culture is the same as that usually recommended for other bulbs. By reason of their curious forms and strange coloring, the Ixias attract much attention.

Mixed colors. Doz. 15c., 100 \$1.00.

MONTBRETIA

One of the most satisfactory Summer-flowering bulbs. When used for clumping they give the best results.

Doz. 100  
Mixed Colors.....\$0.15 \$1.00

ORNITHOGALUM

Very useful for pot culture. Is in great demand by florists, forcing it for cut flowers.

Each Doz. 100  
Arabicum (Star of Bethlehem) ...\$0.05 \$0.50 \$3.50

GLOXINIA

Each Doz. 100  
Crassifolia erecta. White, red, blue and spotted; separate colors \$0.15 \$1.00 \$7.50

OXALIS. See page 9.

SCILLA

Ready in September

If ordered by mail, add 5c. per doz. for postage

All are quite hardy, and may remain in the ground several years. The effect in early Spring of the intensely, rich blue, early-flowering Scilla, contrasting with the snow white of the Snowdrop and the varied hues of the Crocus, is very striking; most valuable for permanent edging, or planted in bunches of a dozen or so.

Doz. 100  
Sibirica. Blue. Extra large bulbs.....\$0.15 \$1.00  
Sibirica alba. White-flowered variety of the above......25 1.50



Snowdrops



Spiraea Japonica

SPARAXIS

These are not hardy, but do well in the conservatory or window garden. They resemble Ixias, but are freer flowerers, and bolder in habit.

Doz. 100  
Choice Mixed.....\$0.15 \$1.00

SPIRÆA, or ASTILBE

Ready in November

Tall, graceful, branching, herbaceous perennials, thriving in rich soil and damp positions. Those we list are extensively used for forcing for Winter decorative purposes, for which they are eminently adapted, either as cut flowers or in pots for window and table decoration. They should be potted when received and buried outside till they begin to form roots. They may then be taken in and forced as required. They require abundance of water.

Each Doz.  
Japonica.....\$0.15 \$1.50  
Gladstone......25 2.50  
Queen Alexandra......25 2.50

SNOWDROPS (Galanthus nivalis)

Ready in September

If wanted by mail, add 3c. per doz., or 15c. per 100, for postage

Perhaps no Spring flower is a more general favorite than the Snowdrop. The earliest flowering of its varieties is the common single sort, which is also very graceful and beautiful, commencing to bloom before the snow is fairly off the ground in Spring. This is succeeded by the double-flowered variety, with its elegant drooping, snow-white blossoms. Should be planted 2 to 3 inches deep in a shady location.

Single-flowering Snowdrops (Elwesii). 15c. per doz., \$1.00 per 100, \$7.00 per 1000.

Double-flowering Snowdrops. 25c. per doz., \$1.75 per 100, \$13.00 per 1000.

# Hardy Annual and Perennial Flower Seeds

## FOR AUTUMN SOWING

Many varieties of flower seeds, **Annuals** as well as **Biennials** and **Perennials**, may be sown in the open ground in the Autumn. We give here a list of such as will succeed in this latitude and southward. The plants from Autumn-sown seed become larger and more robust, flowering earlier and more numerously than if sown in the Spring.

	Pkt.		Pkt.
<b>ACONITUM Napellus</b> (Monk's Hood).....	\$0.05	<b>DIANTHUS (Pinks)—</b>	
<b>ALYSSUM, Carpet of Snow</b> .....	.10	<b>White Frills.</b> A magnificent white flower	
<b>Maritimum</b> .....	.05	with deep lacinated petals.....	\$0.10
<b>Saxatile compactum</b> (Basket of Gold).....	.05	<b>Chinensis</b> (China or Indian Pink). Double	
<b>AGROSTEMMA</b> (Rose Campion). Mixed....	.05	mixed.....	Oz. 25c. .05
<b>ANTIRRHINUM (Snapdragon)—</b>		<b>Wonderful.</b> The petals are deeply cut and	
<b>Luteum.</b> Bright yellow.....	.05	the color in all shades from white to rose and	
<b>Atrococcineum.</b> Dark scarlet.....	.05	deep purplish red.....	.10
<b>Romeo.</b> Violet rose with pale lip.....	.05	<b>Plumarius</b> (Scotch, Clove, or Grass Pink)....	.05
<b>Firefly.</b> Scarlet and white.....	.05	<b>Plumarius, Double Mixed</b> (Pheasant's Eye)....	.10
<b>Album.</b> Pure white.....	.05	<b>DIGITALIS (Foxglove)—</b>	
<b>Tall Mixed.</b> All sorts.....	.05	<b>Purple.</b> The best known.....	.05
<b>New Giant-flowered.</b> Mixed.....	.10	<b>White.</b> Very pretty and attractive.....	.05
<b>Tom Thumb.</b> Mixed. 10 in.....	.10	<b>Rose.</b> A very fine shade.....	.05
<b>Double White</b> (New).....	.20	<b>Yellow.</b> Long spikes of bell-shaped flowers....	.05
<b>Double Yellow.</b> (New).....	.15	<b>Mixed.</b> All colors.....	¼ oz. 15c. .05
<b>AQUILEGIA</b>		<b>Gloxiniaeflora.</b> Purple, white and rose.....	.05
<b>Coerulea Sepal.</b> White with lilac on tip of		<b>Mixed.</b> This strain has long spikes bearing	
petals. 3 ft.....	.10	handsome Gloxinia-like flowers. ¼ oz. 20c.	.05
<b>Chrysanth.</b> Golden yellow. 3 ft.....	.10	<b>Maculata superba.</b> A splendid, spotted	
<b>Skinneri.</b> Crimson and light green. 3 ft....	.10	strain.....	.10
<b>Jaetscham.</b> Yellow, long red spurs. 3 ft....	.10	<b>Monstrosa.</b> Splendid mixed. Long spike,	
<b>Flabellata nana alba.</b> White. 1 ft.....	.10	bearing flowers of exquisite beauty. 4 ft....	.10
<b>Single Mixed.</b> All colors. 2 ft.....	.05	<b>GAILLARDIA grandiflora compacta</b> .....	.10
<b>Double Mixed.</b> All colors. 2 ft.....	.05	<b>HOLLYHOCK, Double White</b> .....	.10
<b>ASPERULA odorata</b> (Sweet Woodruff).....	.05	<b>Double Pink</b> .....	.10
<b>BOLTONIA Asteroides</b> (1000 to 1 Aster). White.....	.10	<b>Double Salmon Rose</b> .....	.10
<b>CANDYTUFT Semperflorens.</b> Pretty white flowers, evergreen foliage.....	.10	<b>Double Scarlet</b> .....	.10
<b>Gibraltarica.</b> Lilac, shaded to white.....	.10	<b>Double Yellow</b> .....	.10
<b>CAMPANULA (Bellflower, Canterbury Bell)—</b>		<b>Noll's Selected Double Mixed</b> .....	.10
<b>Carpatica.</b> Large blue.....	.05	<b>LUPINUS (Polyphyllum).</b> Mixed.....	.05
<b>Medium Single Blue</b> (True Canterbury Bell).....	.10	<b>MYOSOTIS (Forget-Me-Not)—</b>	
<b>Medium Single White.</b> Very pretty for contrasts.....	.10	<b>Victoria.</b> Blue.....	.10
<b>Medium Single Rose</b> .....	.10	<b>Semperflorens.</b> The most desirable sort for pot culture. Continually in flower.....	.10
<b>Medium Single Mixed</b> .....	.05	<b>Palustris.</b> The true Forget-Me-Not; flowers best the second year.....	.05
<b>Medium Double Blue.</b> Summer and Fall bloomers.....	.10	<b>Alpestris.</b> Blue. A pretty trailer.....	.10
<b>Medium Double White.</b> Appearance waxy....	.10	<b>White.</b> Pure white flowers.....	.10
<b>Medium Double Rose</b> .....	.10	<b>Rosea.</b> Rose-colored flowers.....	.10
<b>Medium Double Mixed</b> .....	.05	<b>Mixed.</b> All sorts.....	.05
<b>CENTAUREA Cyanus</b> (Blue Emperor). Fine, bright blue.....	.05	<b>PANSIES (Heart's-Ease)—</b>	
<b>Cyanus Double Blue.</b> A fine cut flower....	.10	<b>Noll's Non Plus Ultra</b> .....	.20
<b>Cyanus Mixed.</b> Single and double varieties....	.05	<b>Giant Trimardeau.</b> Finest mixed.....	.10
<b>Gymnocarpa.</b> Silver-gray foliage.....	.10	<b>Extra Large-Flowered, Fine Mixed</b> .....	.10
<b>CHRYSANTHEMUM Frutescens</b> (Paris Daisy).....	.10	<b>Choice Mixed</b> .....	.05
<b>DAISY (Bellis)—</b>		<b>PHLOX.</b> Large-flowered Hybrids, mixed.....	.10
<b>Giant Red.</b> Glowing red, shaded rose, per- fectly double.....	.10	<b>POPPY. New Oriental Hybrids.</b> Enormous flowers of the most dazzling beauty.....	.10
<b>Giant White.</b> Large, double, pure white....	.10	<b>Orientele.</b> Fiery scarlet.....	.05
<b>Snowball.</b> Long stems, large double white flowers.....	.10	<b>Nudicaule</b> (Iceland Poppy). One of the most attractive varieties. Beautiful when grown in masses. 1 ft.	
<b>Giant Double Mixed.</b> Including all the above.....	.10	<b>Double Mixed Iceland</b> .....	.10
<b>The Shasta.</b> Pure white.....	.10	<b>Single Mixed Iceland</b> .....	.10
<b>DELPHINIUM (Perennial Larkspur)—</b>		<b>SALVIA Patens</b> (Blue Salvia).....	.10
<b>Yellow Zali.</b> .....	.10	<b>SCABIOSA Caucasic.</b> Flowers a beautiful soft lavender.....	.10
<b>Formosum.</b> Brilliant blue, white center....	.10	<b>STATICE Sinensis.</b> White, canary-yellow cen- ter.....	.10
<b>Brunonianum.</b> Lovely blue, musk-scented flowers. 3 ft.....	.15	<b>STOKESIA cyanea</b> (Cornflower Aster).....	.10
<b>Cardinale.</b> Orange scarlet. Very pretty. 2 ft.....	.15	<b>SWEET WILLIAM, Single White</b> .....	.05
<b>Hybrids, Mixed.</b> Choice varieties of fine quality.....	.10	<b>Single Crimson</b> .....	.05
		<b>Single Mixed.</b> All colors.....	¼ oz. 15c. .05
		<b>Double White</b> .....	.10
		<b>Double Crimson</b> .....	.10
		<b>Double Mixed.</b> All colors.....	¼ oz. 25c. .10
		<b>SWEET ROCKET</b> (Hesperis). Mixed.....	.05
		<b>WALLFLOWER, Double Mixed.</b> Double Ger- man varieties.....	.10
		<b>Single Mixed.</b> A fine mixture of single- flowering varieties.....	.05

FOR PERENNIAL PLANTS, SEE PAGE 14



# LAWN GRASS SEED

## OUR MIXTURES ARE UNSURPASSED

**How and When to Sow.** While Spring is a good time to sow Lawn Grass Seed, especially if it is done in March or April, yet if we had our choice, we would prefer Fall seeding—say, the last half of August, all September, and, in late seasons, the first half of October. Why? Because it is Nature's seeding time for Grasses. The young plants become established so that in early Spring they start into growth, as soon as the frost is out of the ground, especially if the lawn is well rolled after the ground is fairly dry.

The soil should be rich and carefully prepared by being well pulverized. Sow the seed when the ground is fairly moist—but not too moist—and roll after seeding, if possible. If any re-seeding is done, do it before rolling. All Lawns are much benefited by frequent mowing, but do not cut too close in hot, dry weather or about the time the ground freezes. One quart will seed 300 square feet. Five bushels will seed an acre of new ground; about half these quantities for re-seeding or renovating after the ground has been scratched with a rake or otherwise prepared.

**Change from Weight to Measure.** While selling Lawn Grass Seed by weight has much in its favor, there is such a great demand for it by measure that we have decided to put it on sale by the quart, peck and bushel, and hope to continue this in future for the convenience of our customers.

As there is no standard weight per bushel for Lawn Grass Seed in the United States, we would mention that our Lawn Grass Seed weighs 20 lbs. to the bushel, so that those who still prefer to buy by weight, can base their calculations in this way.

**Free Delivery of Lawn Grass Mixtures.** While we cannot deliver free of transportation all the goods we offer, yet we will do so in the case of Lawn Grass mixtures.

From now on, therefore, we will deliver our Lawn Grass mixtures free of transportation in the United States by mail, express or freight, at our option, at the prices mentioned in this catalog.

**We will be pleased to enter into correspondence** with any one wishing advice in the formation of Lawns and golf courses or their care.



## THE "FORBES" LAWN GRASS SEED

(See above illustration)

We now have at the head of our establishment one who was for over 25 years general manager of Peter Henderson & Co., of New York City, and who not only compounded the Grass Seed mixtures of that well-known firm, but personally selected and bought the individual grasses which entered into these mixtures. In this and other ways he has had an experience that stamps him as an authority on Lawns and everything connected therewith. Out of compliment to him, we have decided to name our best Lawn Grass mixture **THE "FORBES" LAWN GRASS SEED**, which, considering the cleanliness and purity of the individual grasses that enter into this mixture in proper proportions, makes it second to none and vastly superior to many of the Lawn Grass mixtures so largely advertised. This will take the place of the Noll's Perfect Lawn Grass which we have offered heretofore. **PRICE per qt. 30c., 4 qts. \$1.00, peck \$1.75, bus. of 20 lbs. \$6.00.**

Delivered free of transportation in the U. S. by mail, express or freight at our option.

## BRANCH BROOK PARK LAWN GRASS SEED

Named after one of our large city parks where it has been used for a number of years. To customers who do not wish our highest priced mixture, we can recommend this brand, as it is deservedly popular. Will produce a fine lawn in 6 to 8 weeks. **PRICE per qt. 25c., 4 qts. 85c., peck \$1.50, bus. of 20 lbs. \$5.00.**



**NOLL'S SHADY PLACE GRASS SEED**

This mixture contains a majority of Grasses suitable for growing in shady places. Produces an excellent turf in a short time. **PRICE** per qt. 30c., 4 qts. \$1.00, peck \$1.75, bus. of 20 lbs. \$6.00.

**NOLL'S TERRACE GRASS SEED**

Compounded from quick-growing Grasses which produce a network of long roots, which grow to a good depth, preventing washing out, etc. This brand is sure to satisfy. **PRICE** per qt. 30c., 4 qts. \$1.00, peck \$1.75, bus. of 20 lbs. \$6.00.

**NOLL'S GRASS MIXTURE FOR GOLF COURSES**

We will be pleased to hear from Greens Committees and advise them as to the best methods to attain satisfactory results. We have made a close study of Grasses and will be willing at all times to give our clients the benefit of our knowledge and experience. We claim to be specialists in this line and invite correspondence.

**Our "Putting Green" Grass Seed** Valuable for sowing new greens and renovating old ones. **Lb. 30c., 100 lbs. \$26.00.**

**Our "Fair Green" Grass Seed** Equally valuable for sowing new greens and renovating old ones. **Lb. 28c., 100 lbs. (enough for an acre) \$24.00.**

**NOLL'S PERMANENT PASTURE AND HAY MIXTURE**

A mixture of varieties which will form a permanent pasture, which lasts for years. May be used for hay crop one season and for pasture the next season. Sow on new land which has been plowed and harrowed, at the rate of 50 lbs. per acre. On ground partly covered with Grass, 30 pounds per acre, **PRICE: Bus. of 14 lbs. \$2.75, 50 bus. \$2.65 per bus., 100 bus. \$2.60 per bus.**

**MIXED PERMANENT CLOVERS** should be sown in addition to the above grass mixture, but on account of their weight, the Clovers should be sown separately in the Spring. This Clover Mixture comprises White, Mammoth or Pea Vine, Alsike, etc. Sow 10 lbs per acre. **Price: Lb. 35c., 100 lbs. \$30.00.**



Winter Vetch

**GRASSES AND CLOVERS**

**Note.**—Prices given below are net figures September 1, 1914, and are subject to market changes.

We carry at all times a full line of natural Grasses and Clovers and are glad to submit prices and samples on request. Our Spring Seed Catalogue contains a complete descriptive list of these Grasses and Clovers.

We endeavor to supply only the best grades of all Grasses and Clovers. Please bear this in mind when comparing our prices with those of others. There are many grades, and prices are often far apart. We have only one grade, "the best."

**KENTUCKY BLUE GRASS** (*Poa pratensis*). One of the best Grasses grown. Does well everywhere. Desirable for lawns. 60 pounds per acre. **Lb. 18c., 100 lbs. \$15.00.**

**RED TOP, or HERD GRASS** (*Agrostis vulgaris*). One of the best permanent Grasses. Makes good pasture; valuable also for hay. 32 pounds per acre. **Fancy, free from chaff. Lb. 40c., 100 lbs. \$36.00.**

**RED TOP, or HERD GRASS.** Same as above, except it is in chaff. Weighs only 14 pounds per bushel. 50 pounds per acre. **Lb. 24c., 100 lbs. \$22.00.**

**TIMOTHY** (*Phleum pratense*). The most popular of all for hay. Planted in all sections. If planted alone, 35 to 40 pounds per acre, less if with other Grasses. **Lb. 14c., 100 lbs. \$12.00.**

**SCARLET, OR CRIMSON CLOVER.** **Selected and Recleaned.** (*Trifolium incarnatum*). Used largely as a soil enricher. Sown in the Fall and plowed under in Spring it is a very valuable green manure. It roots deeply and places in the soil an abundance of nitrogen. Sow 15 to 20 pounds per acre. **Lb. 16c., 100 lbs. \$14.00.**

**WHEAT. Giant Winter**

A very popular sort for Fall sowing. It is unusually prolific and yields under adverse conditions large crops. The straw grows abundantly, is stout and does not tend to lodge. For all-round Winter use, this variety is best adapted. Sow 1½ to 2 bushels per acre. Price per peck, 75c.; per bushel of 60 lbs., \$2.40.

**RAPE. Dwarf Essex**

Fine for sheep pasture; valuable as a soil enricher. Plant in drills at the rate of 3 lbs. per acre, broadcast 5 lbs per acre. Can be planted alone or with other forage crops. **Lb. 15c., 10 lbs. \$1.20, 25 lbs. \$2.50, 100 lbs. \$8.00.**

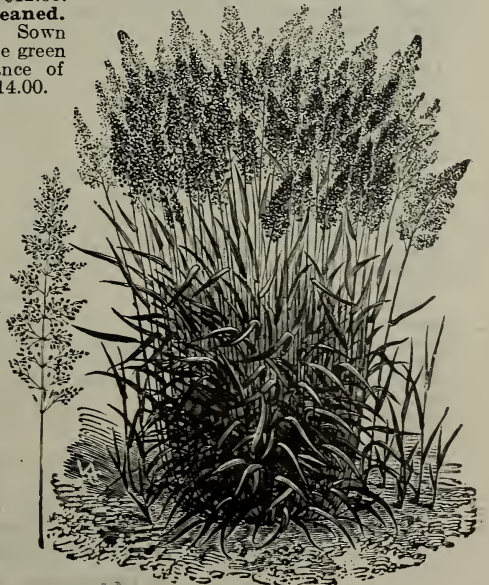
**WINTER RYE**

This is the variety used largely for Autumn sowing as it is perfectly hardy, and furnishes much nourishment to the soil, if plowed under in early Spring. Use 1½ to 2 bushels per acre. **Bus. (56 lbs.) \$1.90, 10 bus. (560 lbs.) \$18.00.**

**VETCHES, or TARES. Winter, Hairy or Sand Vetch**

(*Vicia villosa*)

Usually planted in Fall, is hardy and enormously productive; a fine cover crop. Plant alone, 1 bushel per acre, or with Rye, ¼ bushel of Vetch and ½ bushel of Rye per acre. Cut for forage before seed sets, it will produce a second crop on same ground. **Lb. 18c., bus. (60 lbs.) \$10.00, 100 lbs. \$15.00.**



Red Top



# HARDY PERENNIAL PLANTS

Hardy perennial plants have many claims, both practical and artistic, and of late years they have been largely cultivated. They are found in the villager's yard, as well as in the millionaire's garden, and by a judicious selection, a succession of flowers can be had from April to September. To this end, we have noted the months of flowering as a guide. One of the telling points is their easiness of culture. Planted in Autumn and given a light protection the first year, they stand all the rigors of successive Winters, flowering each season. They should be planted where they are intended to be grown permanently. Those of dwarf habit should be placed in front, and the taller sorts, such as Hollyhock, Tritoma, Foxglove, etc., in the rear. We know of no class of plants which afford such a wealth of flower, for such a small outlay, as Hardy Perennial plants. They combine all shades of color, and are of the easiest culture, in fact, "they grow themselves," and no garden, no matter how modest, is complete without them. By procuring a few assorted plants, an "old-fashioned garden" can be had for a small financial outlay.

	Height	Color	Time of Bloom
<i>Aconitum napellus</i> (Monkshood).....	3 ft.	Blue & White	July-August
<i>Achillea</i> "The Pearl".....	2 ft.	White	July-August
<i>Althaea</i> (Hollyhock). 20c. each.....	5-6 ft.	All Colors	July-August
<i>Alyssum saxatile</i> (Golden Tuft).....	1 ft.	Yellow	April-May
<i>Anemone japonica alba</i> (Wind Flower).....	2 ft.	White	Sept.-Oct.
<i>Aquilegia</i> (Columbine).....	2 ft.	All Colors	May-June
<i>Asclepias tuberosa</i> (Butterfly Flower).....	2 ft.	Orange	July-August
<i>Aster Novae-Anglae</i> (New England Aster).....	4 ft.	Purple	August-Sept.
<i>Bocconia cordata</i> (Plum Poppy).....	6 ft.	Creamy White	July-Sept.
<i>Boltonia asteroides</i> .....	4 ft.	White	August-Oct.
<i>Boltonia latissuama</i> .....	4 ft.	Pink	August-Oct.
<i>Campanula</i> (Canterbury Bells).....	2 ft.	All Colors	June-August
<i>Centaurea orientalis</i> (Knapweed).....	3 ft.	Yellow	July
<i>Cerastium tomentosum</i> (Snow in Summer).....	6 in.	White	May-June
<i>Conoclinium</i> (Mist Flower).....	2 ft.	Blue	August-Oct.
<i>Delphinium</i> (Hardy Larkspur).			
<i>Chinensis</i> .....	2 ft.	White & Blue	June-Oct.
<i>alba</i> .....	2 ft.	White	June-Oct.
<i>formosum</i> .....	2 ft.	Dark Blue	June-Oct.
<i>Coelestinum</i> .....	2 ft.	Sky Blue	June-Oct.
<i>Dianthus</i> (Hardy Pinks).			
<i>Barbatus</i> (Sweet William).....	1½ ft.	All Colors	May-June
<i>Dicentra</i> or <i>Dielytra</i> (Bleeding Heart).....	1½ ft.	Rose	June-Oct.
<i>Digitalis gloxiniaeflora</i> (Foxglove).....	3 ft.	All Colors	June-August
<i>Epimedium alpinum</i> (Barrenwort).....	9 in.	Crimson & Yellow	May-June
Ferns, Hardy. A large assortment.			
<i>Funkia undulata variegata</i> .....	1½ ft.	Variegated Foliage	July
<i>Gaillardia grandiflora</i> (Blanket Flower).....	1½ ft.	Orange	June-Nov.
<i>Eulalia gracillima</i> (Ribbon Grass).....	5 ft.	Variegated	
<i>Gypsophila paniculata</i> (Baby's Breath).....	2 ft.	White	July-August
<i>Helenium autumnale</i> (Sneeze Weed).....	4 ft.	Yellow	August-Sept.
<i>Helianthus</i> (Hardy Sunflower).....	6 ft.	Assorted	August-Oct.
<i>Heliopsis Pitcherianus</i> (False Sunflower).....	4 ft.	Golden Yellow	July-Sept.
<i>Hemerocallis flava</i> (Yellow Day Lily).....	3 ft.	Yellow	June-August
<i>Hibiscus Crispum Eye</i> (Mallow).....	5 ft.	White & Crimson	August-Sept.
<i>Iberis sempervirens</i> (Hardy Candytuft).....	10 in.	White	April-June
<i>Iris Germanica</i> (German Iris).....	3 ft.	Assorted	May-June
<i>Iris Kaempferi</i> (Japanese Iris). 20c. each.....	3 ft.	Assorted	June-July
<i>Lavandula vera</i> (Sweet Lavender).....	1½ ft.	Yellow	July-Sept.
<i>Liatris pycnostachya</i> (Gay Feather).....	5 ft.	Purple	July-Aug.
<i>Lobelia cardinalis</i> (Cardinal Flower).....	3 ft.	Scarlet	August-Oct.
<i>Lychnis Chalcedonica</i> .....	2 ft.	Scarlet	June-July
<i>Monarda didyma</i> (Horse Mint).....	3 ft.	Red	July-Aug.
<i>Myosotis palustris</i> (Forget-Me-Not).....	10 in.	Blue	May-Sept.
<i>Oenothera fruticosa</i> (Evening Primrose).....	2 ft.	Yellow	June-July
<i>Peonies Double Chinese</i> . 20c. each.....	2½ ft.	Assorted	June-July
<i>Papaver orientalis</i> (Oriental Poppy).....	2 ft.	Scarlet	June-July
<i>Pentstemon barbatus</i> (Beard Tongue).....	4 ft.	Scarlet	July-August
<i>Phlox decussata</i> (Hardy Phlox).....	2½ ft.	Assorted	June-Oct.
<i>Platycodon</i> (Balloon Flower).			
<i>grandiflorum</i> .....	2 ft.	Blue	June-Oct.
<i>album</i> .....	2 ft.	White	July-Oct.
<i>Primula Veris</i> (English Cowslip).....	9 in.	Yellow	April-June
<i>Primula Vulgaris</i> (English Primrose).....	9 in.	Yellow	April-June
<i>Pyrethrum Hybridum</i> (Single Hardy).....	2 ft.	Assorted	May-June
<i>Rudbeckia laciniata fl. pl.</i> (Golden Glow).....	1 ft.	Yellow	July-Sept.
<i>Sedum acre</i> (Golden Moss).....	3 in.	Yellow	May-July
<i>Sedum spectabilis</i> (Stonecrop).....	1½ ft.	Pink	May-July
<i>Spiraea Japonica</i> .....	2 ft.	White	June-July
<i>Stokesia cyanea</i> (Stoke's Aster).....	3½ ft.	Blue	July-Oct.
<i>Tritoma Fitcheri</i> (Red Hot Poker).....	4 ft.	Orange	July-Sept.
<i>Veronica longifolia</i> . 25c. each.....	2 ft.	Blue	August-Sept.
<i>Wallflower</i> .....	1 ft.	bronze yellow	June-Oct.
<i>Yucca filamentosa</i> (Adam's Needle), 25c. each....	5 ft.	White	July-August

Price for any of the above, except where noted, 15c. each, \$1.50 per dozen.

FOR PERENNIAL FLOWER SEEDS, SEE PAGE 11



# HIGH GRADE RELIABLE FERTILIZERS AND INSECTICIDES

## NOLL'S PERFECTION LAWN DRESSING (Odorless)

For best results it should be applied during the Spring and Fall months. The Spring application will help the grass recover its strength, which our Winters impair to a certain extent, while the Fall application will give it, after the hot weather spell, renewed strength to withstand the ravages of Winter. It is without odor, clean to handle and easily applied. We furnish it in quantities and at prices as follows: 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 85c., 50 lbs. \$1.50, 100 lbs. \$2.50, 500 lbs. \$11.25, ton (2000 lbs.) \$40.00. Apply at rate of 100 lbs. to 4000 sq. ft., broadcast.

## NOLL'S COMPLETE GARDEN FERTILIZER

This brand is especially compounded for general use, such as garden vegetables, fruit trees, fruit vines, potatoes, etc. For general purposes it is unsurpassed. Will help your ground yield larger and better crops. Comes in dry powder form. Easily applied. Apply at the rate of 100 lbs. to 4000 square feet, broadcast. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 85c., 50 lbs. \$1.50, 100 lbs. \$2.50, 500 lbs. \$11.50, ton (2000 lbs.) \$44.00.

## BONE MEAL (Pure Ground)

While not so quick in action as some fertilizers, it is very lasting, being very beneficial. Bone Meal contains the essential requisites of nitrogen, as well as phosphoric acid, which are absolutely necessary in the soil for the high developing of plant life. Can be used for both outdoor plants and pot plants. When applying, mix thoroughly with the soil. Never let the bone meal come in contact with the roots of the plant. For pot plants use about a tablespoonful to a 6-inch pot of soil, smaller or larger sizes in proportion. Price, 5-lb. pkg. 25c., 10 lbs. 45c., 25 lbs. 85c., 50 lbs. \$1.50, 100 lbs. \$2.75, ton (2000 lbs.) \$42.00. Use about 1000 lbs. to the acre.

## NITRATE OF SODA

This is a very beneficial article for promoting quick growth; will hasten the maturity of crops from one to two weeks. This is a very good fertilizer but must be used judiciously. Do not apply until the plants are above the ground. To apply make a trench about 4 in. deep and about the same distance from the plants or row and spread along in the trench. Use about 100 lbs. to the acre. The price of this article is subject to change. Sold in 5-lb. pkgs. 35c., 10 lbs. 60c., 25 lbs. \$1.25, 100 lbs. \$4.00, 200 lbs. \$7.00, ton (2000 lbs.) \$65.00.

## HUMUS

Prepared humus or vegetable mould is a great soil regenerator and plant food. Rich in nitrogen, moisture retaining, and odorless. Absolutely free from weed seeds. The very best material for top dressing lawns, and for indoor use in conservatories and in flower boxes and pots. 5 lbs. 20c., 10 lbs. 30c., 25 lbs. 60c., 100-lb. bag \$1.40, 500 lbs. \$5.50, ton (2000 lbs.) \$18.00.

## LIME (Hydrated Agricultural)

Many soils require lime to correct the acidity. Lime has also the effect of holding sandy soil together, thus making it more moisture retaining, and of breaking up soil of clayey formations, making it more tillable. Use one ton to the acre. Price, 100-lb. bag \$1.00, ton (2000 lbs.) \$15.00.

## SHEEP MANURE

This has become a very popular article for fertilizing purposes. Fine for house plants, also outdoor plants. Acts quickly, makes plants vigorous and blooms richer in color. Can be applied by diluting in water or mixed with soil. The article we offer is as free from inert matter as is possible. 5 lbs. 25c., 10 lbs. 35c., 25 lbs. 75c., 50 lbs. \$1.25, 100 lbs. \$2.00, 500 lbs. \$9.00, ton (2000 lbs.) \$30.00.

## CANADA UNLEACHED HARD- WOOD ASHES

Used as a top dressing for lawns and grass lands, also for fruits of all kinds. It is especially good for Strawberries, Peaches, Apples, etc. Can be mixed with even quantities of bone meal for fertilizing grass plots, etc. Apply about 1000 lbs. to the acre. 5 lbs. 25c., 10 lbs. 35c., 25 lbs. 60c., 50 lbs. \$1.00, 100 lbs. \$1.75, 500 lbs. \$7.50, ton (2000 lbs.) \$24.00.

## INSECTICIDES

**APHINE.** This is a powerful insecticide but does not affect the most tender plants, fruits or vegetables. It is a combination of ethereal oils and nicotine in soluble form, which is easily diluted with water. It is applied as a spray or wash. It will exterminate green and black fly, thrips, slugs, mealy bug, red spider, ants, etc.  $\frac{1}{4}$  pt. 25c.,  $\frac{1}{2}$  pt. 40c., pt. 65c., qt. \$1.00.

**APHIS PUNK.** This is a tobacco paper saturated with nicotine and is used for fumigating greenhouses and conservatories. Box of 12 sheets, 60c.

**FIR TREE OIL SOAP.** A popular insecticide for house and conservatory plants. Put up in soap form, which is easily dissolved in hot water. Apply when solution has become cool.  $\frac{1}{2}$ -lb. cake 25c., 2-lb. cake 75c.

**LEMON OIL COMPANY'S STANDARD INSECTICIDE.** This has become one of the most popular articles for greenhouse or conservatory spraying. Has a very agreeable odor. Kills thrips, black and green fly, mealy bug, red spider, blight, etc.  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.

**NIKOTEEN.** A very powerful insecticide, one pint of this liquid representing the efficiency of 200 pounds of Tobacco stems. Used extensively by florists for spraying in greenhouses. Also used for vaporizing. 2-oz. bottle 40c., pt. bottle \$1.50.

**NICOTICIDE.** An extract of tobacco used in fumigation. The required quantity is placed in a tin dish and evaporated by a spirit lamp, placed underneath. An effectual remedy for insects in the greenhouse, window garden or frames. Price, 4-oz. can 70c.,  $\frac{1}{2}$  pt. \$1.25, pt. \$2.50, qt. \$4.50,  $\frac{1}{2}$  gal. \$9.00, gal. \$17.00.

**TOBACCO DUST.** The best of the Tobacco Dusts for dusting or fumigating. Lb. 10c., 5 lbs. 35c., 25 lbs. \$1.00, 50 lbs. \$1.60, 100 lbs. \$3.00.

**TOBACCO STEMS.** Used for fumigating and under benches in greenhouses. Bale of 100 lbs. \$1.50.

WE CARRY A FULL LINE OF VEGETABLE SEEDS SUITABLE FOR AUTUMN SOWING

# TOOLS AND IMPLEMENTS

## For the Lawn, Garden, Farm, Etc.

<b>DIBBLES.</b>		Each	
All Iron.....	\$0.35		
Wood Handle. Brass point.....	.65		
Wood Handle. Iron point, large size.....	.40		
Wood Handle. Iron point, small size.....	.30		
<b>FORKS.</b>			
Long Handle. Light weight, 4 tine, manure .	.75		
Short Handle, D. Heavy weight, 4 tine, manure.....	1.10		
Short Handle, D. Heavy weight, 5 tine, manure.....	1.35		
Short Handle, D. Heavy weight, 4 tine, spading.....	1.10		
Short Handle, D. Heavy weight, 5 tine, spading.....	1.35		
<b>FRUIT PICKERS.</b>			
Wire. Galvanized.....	.35		
<b>GARDEN LINES.</b>			
Extra Strong. Braided, coils of 100 feet....	.55		
<b>GARDEN LINE REELS.</b>			
Large Size. Extra strong.....	.85		
Columbia. New.....	1.00		
<b>GLAZING POINTS.</b>			
Van Reyper's Perfection No. 2, Per 1000	.65		
<b>HOSE, RUBBER.</b>			
Planter's High Grade. 5 ply, 25 ft. lengths \$4.00; 50 ft. lengths, \$7.50, coupled at both ends.			
Yankee. One of the best brands of hose on the market. Quality of the finest. Will last indefinitely. Sold by the foot, 20c. per foot, couplings extra.			
<b>HOSE CLAMPS.</b>			
Galvanized. Adjustable.....Doz. 50c.	.05		
<b>HOSE COUPLINGS.</b>			
Brass. For ¾-in. hose.....Doz. \$1.50	.15		
<b>HOSE MENDERS.</b>			
Cooper's Patent. ¾-in.....Doz. \$1.00	.10		
Cooper's Patent. 1-in.....Doz. \$1.50	.15		
<b>HOSE NOZZLES.</b>			
"The Gem." Graduating spray, or solid stream.....	.50		
Solid Stream. With stop cock.....	.50		
<b>HOSE WASHERS.</b>			
Rubber. ¾-in.....Per box of 12..	.10		
<b>HOSE REELS.</b>			
All Iron.....	2.75		
<b>HOES, DRAW, or FIELD.</b>			
Standard Pattern. 4 in. 40c., 5 in. 40c., 6 in. 50c., 7 in. 50c., 8 in.....	.50		
Warren or Heart Shaped. 6 in. 65c., 7 in....	.75		
Celery. Triangle shaped, short handle.....	.30		
English Push, or Scuffle. 4 in. 40c., 5 in. 50c., 6 in. 60c., 7 in. 70c., 8 in. 80c., 9 in. 90c., 10 in. \$1.00, 12 in. \$1.20. Not handled.			
Handles to fit same, 6 ft. long.....	.30		
<b>HOTBED MATS.</b>			
Size 76 x 76 inches. Burlap on both sides. Doz. \$16.00, each \$1.50.			
<b>LABELS, WOOD, Unpainted.</b>			
Pot. 4 in., 75c., 5 in. \$1.00, 6 in. \$1.25 per 1000.			
Any of these sizes, per 100, 10c. to 15c.			
Garden. 8 in., per 100, 40c.; 10 in., per 100, 60c.; 12 in., per 100, 75c.			
Tree. Copper wired, per 100, 20c.; per 1000, \$1.50.			
<b>MOLE TRAPS.</b>			
Reddicks. The best trap on the market. Easily set, sure catch, \$1.00.			
<b>PLANT STAKES.</b>			
Hard Wood. Painted green, tops white.			
Each Doz. Each Doz.			
2 ft. ....\$0.05 \$0.35	5 ft. ....\$0.11	\$1.25	
3 ft. .... .07 .60	6 ft. .... .14	1.65	
4 ft. .... .09 .80			
<b>PLANT SUPPORTS.</b>		Each	
Igoe Bros. Wire. Per doz., \$1.50.			
<b>PRUNERS.</b>			
Water's Patent Tree. 6 ft. 60c., 8 ft. 80c., 10 ft. \$1.00, 12 ft.....		\$1.20	
<b>RAFFIA.</b>			
Natural Colored. For tying. Per lb. 15c., per 100 lbs. \$13.00.			
<b>RAKES.</b>			
Steel Garden. 12 teeth 50c., 14 teeth 55c., 16 teeth 65c., 18 teeth.....	.75		
Wire, Lawn. 20 teeth.....	.50		
Wood, Auto or Self Cleaning.....	.75		
Wood, Hay. 10 teeth.....	.35		
Wood, Garden. 12 teeth.....	.40		
Wood, Lawn. 24 teeth.....	.50		
<b>RUBBER PLANT SPRINKLERS.</b>			
Straight Neck. 8 oz.....	.90		
Curved Neck. 10 oz.....	1.00		
<b>SAWS, PRUNING.</b>			
Double Edge. 20-in. blade.....	1.00		
Single Edge. 20-in. blade.....	1.00		
Single Edge. Bow shaped.....	.75		
Little Giant. With pruner, plain.....	1.75		
<b>SHEARS.</b>			
Hedge. 8 in. \$1.15, 9 in. \$1.40, 10 in. ....	1.65		
Hedge with Notch. 25c. extra for each size above listed.			
Lopping. Rhodes' patent.....	3.50		
Lopping. Ordinary.....	.60		
Pruning. Malleable Iron Handle. Steel blade.	.35		
All steel. California pattern.....	.50		
Solid steel throughout.....	1.25		
<b>SHOVELS.</b>			
Long Handle. Steel, pointed.....	.75		
Short Handle D. Steel, pointed.....	.75		
Short Handle D. Steel, square 75c., \$1.00 and	1.10		
<b>SOD, or TURF EDGERS.</b>			
English solid steel.....	1.50		
Gladiator.....	.55		
Half Moon.....	.50		
<b>SPADES.</b>			
Long Handle. Steel.....	.75		
Short Handle D. Steel.....\$1.00 and	1.35		
Short Handle D. Steel Socket.....	1.35		
<b>SPRAYERS.</b>			
All Brass. Continuous spray.....	1.25		
Galvanized. Continuous spray.....	.90		
Tin. Continuous spray.....	.75		
Tin. Vaporizing, large.....	.50		
Tin. Vaporizing, small.....	.35		
Auto Sprayer No. 1B. Brass tank.....	7.25		
Auto Sprayer No. 1D. Galvanized tank.....	5.00		
Standard Spray Pump. Solid brass.....	4.50		
<b>THERMOMETERS.</b>			
Hot Bed. Best grade.....	1.75		
Good Quality.....	1.25		
<b>TUBS.</b> Wood Plant, New York Style.			
	Top Diameter	Bottom Diameter	Depth Finished Each
No. 1	12 in.	9¾ in.	10½ in. ....\$1.15
No. 2	13 in.	10¾ in.	12¾ in. .... 1.50
No. 3	14½ in.	14¾ in.	14¾ in. .... 1.85
No. 3½	16½ in.	15¾ in.	15¾ in. .... 2.45
No. 4	19¼ in.	16¾ in.	16¾ in. .... 2.65
No. 5	22¼ in.	18¾ in.	18¾ in. .... 3.45
<b>TREE SCRAPERS.</b>			
Triangle Shaped. Short handle.....	.50		
<b>TROWELS.</b> Solid steel. 6-in.			
English Pattern. Solid shank.....	.40		
English Pattern. Concave shank.....	.25		
English Pattern. Concave shank.....	.15		
Transplanting. Concave shank.....	.15		
Ordinary Trowel. Concave shank.....	.10		
<b>WHEELBARROWS.</b> With expanding sides....			6.00





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# POULTRY SUPPLIES

We handle only the highest grades of poultry supplies and sell at prices as low as is consistent with quality. In our line of mixed grains, we have exercised great care to handle only the best of its kind, free from mill refuse and siftings. We are glad at all times to submit samples and prices on small or large amounts of our mixed grains. Although the market changes on grain are very frequent, we have quoted prices on 25, 50 and 100 lb. lots of our grain feeds listed below which will hold good for the balance of the year. Prices quoted on all poultry supplies are for goods by express or freight, charges collect, and at purchaser's risk, unless otherwise quoted. (*For Free Local Delivery, See Below.*)

## "GLOBE" SCRATCH FOOD

We consider this one of the finest grain mixtures on the market. Compounded from good, sweet and clean grain only; a perfectly balanced ration, suitable for feeding the year round. To poultry raisers who find it pays to feed the best only, we can recommend it highly, as it will produce better laying and healthier fowls. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 70c., 50 lbs. \$1.25, 100 lbs. \$2.30.

## "CRESCENT" CHICK FOOD

A complete grain feed for chicks, which can be fed until about 8 weeks old. Thoroughly balanced, good, sweet and clean grain. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 75c., 50 lbs. \$1.40, 100 lbs. \$2.60.

## "KING" PIGEON FOOD

A mixed grain ration, especially adapted for squab fattening. This mixture has given much satisfaction among pigeon fanciers, who recommend it highly. 5 lbs. 25c., 10 lbs. 45c., 25 lbs. 80c., 50 lbs. \$1.45, 100 lbs. \$2.75.

## "COLONIAL" DEVELOPING FOOD

A mixture of grain a trifle larger than the Crescent Chick Food, to be fed to growing chicks after 8 weeks old. Contains such ingredients as are easily digested and flesh producing. A fine mixture in every particular. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 70c., 50 lbs. \$1.30, 100 lbs. \$2.40.

## "QUEEN" POULTRY MASH

A selected ground feed for fowls of all sizes, especially laying hens. Contains choice ground grains, well balanced. Will help a great deal to produce those eggs you so badly want. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 75c., 50 lbs. \$1.30, 100 lbs. \$2.35.

## ALFALFA (Mealed)

One of the best substitutes for green food during the Winter. Highly nutritious. 5 lbs. 25c., 10 lbs. 45c.

## BEEF SCRAPS

If fed judiciously, increases egg production. The best substitute for green bone. Can be fed during the Summer months as well as the Winter months. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 90c., 50 lbs. \$1.70, 100 lbs. \$3.25.

## BONE (Coarse)

Increases egg production besides making flesh; also can be used as grit. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 85c., 50 lbs. \$1.60, 100 lbs. \$3.00.

## BONE (Fine)

Used in connection with mash food. Makes flesh and bone in young chicks, also helps to increase egg production in large fowls. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 85c., 50 lbs. \$1.60, 100 lbs. \$3.00.

## CHARCOAL

Coarse or fine. Very beneficial to poultry. Should be in the hopper at all times. Lb. 10c., 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 75c., 100 lbs. \$2.50.

## GRIT

We carry grit in four sizes, Nos. 1, 2, 3 and 4. No. 1 for turkeys and ducks. No. 2 for chickens. No. 3 for pigeons. No. 4 for small chicks. 5 lbs. 10c., 10 lbs. 15c. 25 lbs. 25c., 50 lbs. 40c., 100 lbs. 75c.

## OYSTER SHELL

Our oyster shells are noted for their uniformity and cleanliness. No clam shells in this brand. Strictly oyster shells. 5 lbs. 10c., 10 lbs. 15c., 25 lbs. 25c., 50 lbs. 40c., 100 lbs. 75c.

### FREE DELIVERY FOR NEWARK AND SUBURBS, THE ORANGES AND VICINITY

We deliver by our own wagons any goods bought from this catalogue as follows:

MONDAY—Clinton Hill section, Irvington, Hilton, South Orange, Vailsburgh.

TUESDAY—East Orange, Orange, West Orange.

WEDNESDAY—Down Neck, Harrison, Kearny, Arlington.

THURSDAY—Woodside, Belleville, Silver Lake, Bloomfield.

FRIDAY—Clinton Hill section, Irvington, Vailsburgh, East Orange, Orange, West Orange.

SATURDAY—Down Neck, Woodside, Roseville.



# J. F. NOLL & CO'S BULB CATALOGUE

*Autumn*  
1914

*DARWIN TULIPS*  
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ALEX. FORBES, - President  
SEEDS, PLANTS, BULBS, POULTRY SUPPLIES  
115 MULBERRY STREET, NEWARK, N. J.